(a) A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material when there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation of the application.

PATENT LAWS 35 U.S.C.

\$ 102 Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless-

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the a vention thereof by the applicant for patent or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than on year prior to the date of the application for patent in the United States, or
- (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months* before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
- (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

§ 103. Condition for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made. Subject matter developed by another person, which qualified as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

^{*} Six months for Design Applications (35 U.S.C. 172).

CRIGINAL/SUBSTITUTE/SUPPLEM DECLARATIONS

FOR PATENT APPLICATI IN THE UNITED STATES PATENT AND TR

MARK OFFICE

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am the	Origina	al. fu	rst and sole i	nventor (if only and for which LLINE F	one name is	listed below)	or an original	first and joi	nt invent	or (if plural r	ames ar	e listed bel	low) of the
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Date Patented Priority Claimed PRIOR FOREIGN APPLICATION(S) Date first Day/MONTH/Year Filed or Granted Number Country open or 15/JANUARY/1993 χ GB 9300763.1

I hereby claim the benefit under 35 U.S.C. 120/365 of all United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known o me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the nat onal or PCT international filing date of this application:

PRIOR U.S. OR PCT APPLICATION(S) Application No. (series code/serial no.)

Day/MONTH/Year Filed

Status pending, abandoned, patented

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Cushman, Darby & Cushman, 1100 New York Avenue, N.W., Ninth Floor, Washington, D.C. 20005-3918, telephone number 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Cushman, Darby & Cushman in writing to the contrary.

Paul N. Kokulis	16773	Kevin E. Joyce	20508	W. Warren Taltavull	25647	Lawrence Harbin	27644
Raymond F. Lippitt	17519	Edward M. Prince	22429	Watson T. Scott	26581	Wallace G. Walter	27843
G. Lloyd Knight	17698_	Donald B. Deaver	23048	Peter W. Gowdy	25872_	Paul E. White, Jr.	32011
Carl G. Love	18781	David W. Brinkman	20817	Dale S. Lazar	28872	Nancy J. Link	31920
Lawrence A. Hymo	19057	George M. Sirilla	18221	Glenn J. Perry	28458	25	
Edgar H. Martin		William T. Bullinger	25503	Kendrew H. Colton	30368	-	
William K. West, Jr.		Donald J. Bird	23323 K	Chris Comuntzis	31097		1-00
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Inventor's Name (type		Ĭο	rngaard		sen	Danish	
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2. INVENTOR'S SIG	NATURE:	- Else	fly		Date 11	May 1995	\
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Residence (City)			(St	ate/Foreign Country)	Denmark -	³ KX	
Post Office Address (Include Zin Code	Tyboran A	Ilé 68.	DK-2720 Var	iløse, Der	mark	
Total Office Floored (//		11	May 1995	
3. INVENTOR'S SIG	SNATURE:	Hickoria		MGCONS_	_ Date		
Inventor's Name (type		// K	offmeye	r / Ring	bora	Danish -	3-00
2	First		Middle Initial		mily Name	Country of Citiz	enship
Residence (City)	DK _ 2700 F		(St	ate/Foreign Country)	Denmark	₽KX	
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4. INVENTOR'S SIG	SNATURE:				Date		
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(FOR ADDITIONAL INVENTORS, check box □ and attach sheet (CDC-116.2) for same information for each re signature, name, date, citizenship, residence and address.)